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C111/C222

16.3000

AUTHOR: Kaz'min, Yu.A.

TITLE: On the Completeness of a System of Analytic Functions. <sup>16</sup><sub>1</sub>

PERIODICAL: Vestnik Moskovskogo universiteta. Seriya I, matematika, mekhanika, 1960, No.5, pp.3-13

TEXT: Let  $A+\alpha$  denote the region arising from the region  $A$  by translation with the vector  $\alpha$ . Let  $A+\alpha \subset D$ . Let a certain set of points  $\alpha_n (A+\alpha_n \subset D)$  form a continuum  $K(A)$  not degenerating in one point and let  $\alpha_n = 0 \in K(A)$ . Theorem 1: Let  $f(z)$  be regular in  $D$ . The systems of functions  $\{f(z+\alpha_n)\}$  and  $\{f^{(n)}(z)\}$ , where  $\{\alpha_n\}$  is an infinite bounded set of different points

$\subset K(A)$ , are simultaneously complete or not in  $A \subset D$ .

Theorem 2: If  $f(z)$  is regular in  $D$  and

(1)  $\{f^{(n)}(z)\}$ ,  $n=0,1,2,\dots$

is complete in  $A \subset D$ , then (1) is complete in an arbitrary region  $A+\alpha \subset D$ .

Theorem 3: The systems  $\{f^{(n)}(z)\}$  and  $\{f^{(n)}(z+\lambda_n)\}$ ,  $n=0,1,2,\dots$  are simultaneously complete or not in  $A \subset D$  if  $\{\lambda_n\} \subset K(A)$ ,  $\lambda_n \rightarrow \lambda$  and

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$\sum_{n=0}^{\infty} |\lambda_n - \lambda_{n+1}| < \infty$ ; or  $\sum_{n=0}^{\infty} |\lambda_n - \lambda_{n+1}| = \infty$ , but there exists a circle  $|\alpha - \lambda| < r$ ,  $r > 0$ , lying in  $K(A)$ , so that

$$\lim_{n \rightarrow \infty} n |\lambda_n - \lambda_{n+1}| \leq \frac{r}{e}$$

Let  $f(z)$  be regular in  $D$  and representable as the limit value of a sequence, converging uniformly in  $D$ , of Dirichlet polynomials

$$(8) \quad P_n(z) = \sum_{j=1}^{p_n} a_{nj} e^{\lambda_j z}$$

with given  $\lambda_j$ ,  $j=1,2,\dots$ . Let in  $D$  to every sequence  $P_n(z)$  converging uniformly to  $f(z)$ , correspond uniquely the series  $\sum a_j e^{\lambda_j z}$ , where

$a_j = \lim_{n \rightarrow \infty} a_{nj}$ , i.e. in  $D$  there exists a sequence of linear functionals  $L_n$

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so that  $L_n[e^{\lambda_j z}] = \varepsilon_{nj}$ . Let

$$L_n[e^{\lambda_j z}] = \int_L e^{\lambda_j z} d\varphi_n(z),$$

where  $L$  is a rectifiable curve in  $D$  and  $\{\varphi_n(z)\} \subset M(L)$ ;  $M(L)$  is the set of functions defined on  $L$  for which a certain additional condition is satisfied (to  $M(L)$  there belong e.g. functions being of bounded variation on  $L$ ).

Theorem 4. For  $a_j \neq 0$ , the closed linear closure of the system  $\{f^{(n)}(z)\}$  contains the closed linear closure of the sequence  $\{e^{\lambda_j z}\}$  in every region  $A$ , where  $K(A) \supset L$ .

Theorem 5. Let  $f(z)$  in  $S$ ,  $-\infty < a < \lim z < b < +\infty$  be regular and almost periodic. Let  $\lambda_1, \lambda_2, \dots, \lambda_k, \dots$  be the spectrum of  $f(z)$ . Then in an

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KAZ'MIN, Yu.A.

Completeness of one system of analytic functions. Part 2. Vest.  
Most. un. Ser. 1: Mat.; mekh.15 no.6:11-19 N-D '60. (MIRA 14:3)

1. Kafedra teorii funktsiy i funktsional'nogo analiza Moskovskogo  
universiteta.

(Functions, Analytic)

KAZ'MIN, Yu.A.

Completeness of a sequence of a function in the space  $\bar{A}_1$ .  
Vest. Mosk. un. Ser.1 : mat., mekh.16 no.6:46-48 N-D '61.  
(MIRA 14:11)

1. Kafedra matematicheskogo analiza Moskovskogo universiteta.  
(Functions, Analytic)  
(Sequences(Mathematics))

KAZ'MIN, Yu.A.

On the feasibility of approximation in certain regions by linear  
aggregates from derivatives of an analytic function. Sib.mat.  
zhur. 3 no.6:952-955 N-D '62. (MIRA 15:11)  
(Aggregates) (Functions, Analytic)

KAZ'MIN, Yu.A.

Goncharov polynomials and the problems concerning the representation of an analytic function by a series of primitives of a certain function. Vest. Mosk. un. Ser. 1:Mat., mekh. no.6:9-19 M-D '62. (MIRA 16:2)

1. Kafedra teorii funktsiy i funktsional'nogo analiza Moskovskogo universiteta.

(Series) (Functions, Analytic)

(Polynomials)

KAZ'MIN, Yu. A.

On the zeros of successive derivatives of an analytic function. Vest. Mosk. un. Ser. 1: Mat., mekh. 18 no.1:26-34  
Ja-F '63. (MIRA 16:1)

1. Kafedra funktsiy i funktsional'nogo analiza  
Moskovskogo universiteta.

(Functions, Analytic)

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APPROSSION NR: AP5002068

S/0055/63/000/005/0035/0046

ATTOR: Kaz'min, Yu. A.

TITLE: Successive remainders of a Taylor series <sup>18</sup>

SOURCE: Moscow. Universitet. Vestnik. Seriya 1. Matematika, mekhanika, no. 5, 1963, 35-46

TOPIC TAGS: complex variable

ABSTRACT: Let  $f(z)$  be a function, analytic in some (not necessarily simply-connected!) region  $D$ , containing the origin. In the first part of this article the author solves the completeness problem in an arbitrary region  $G \subset D$ ,  $0 \in G$ , of the following system of functions:

$$\left\{ f_n(z) = \frac{1}{2\pi i} \int_C \frac{f(t) dt}{t^n(t-z)} \right\}, \quad n = 0, 1, 2, \dots, \quad (1)$$

(related to the set  $f^{(n)}(z)$ ), where, as the contour of integration  $C$  any closed Jordan curve containing the origin inside itself and lying together with the region bounded by it in  $D$  can be used. Using an auxiliary function, the author then

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studies the problem of completeness in  $G$  of certain subsequences of functions of the family (1) and discovers new facts on completeness of subsequences of derivatives of entire functions of exponential type. Then he constructs the generating function for the sequence  $f_n(z)$ , which makes it possible to apply the obtained results to several other problems, such as completeness of various systems of functions, in particular of divided differences

$$\left\{ \frac{f(z) - f(a_n)}{z - a_n} \right\}. \quad (2)$$

and others. Finally, he notes that the problem of finding entire functions of a class of differential equations of infinite order is equivalent to the boundary value problem of Privalov, from which he obtains and refines previously derived results concerning differential equations of this class. Theorem 1. In order for the function  $f(z)$ , regular in the region  $D$ ,  $0 \in D$ , to generate the sequence of functions (1), complete in  $A^+(G)$ ,  $G \supset D$ ,  $0 \in G$ , it is necessary and sufficient that  $f(z)$  be non-rational. Theorem 2. Let the function  $f(z)$  be analytic in some region  $D$ ,  $0 \in D$ , and meromorphic in some disc  $|z| < r$ ,  $0 < r < \infty$ . If: 1) on the circumference  $|z| = r$  the function  $f(z)$  has at least one singular point which is not a pole, and also 2)  $f(z)$  is regular in some closed sector  $S$  of the circle  $|z| \leq r$  with central angle of opening  $2\pi\sigma$ ,  $0 < \sigma < 1$  (i.e., if  $z = \rho e^{i\theta} \in S$ , then

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$0 < \sigma < \pi\alpha$ ,  $0 < \rho < r$ , then the sequence

$$\{f_{\lambda_n}(z)\}, \quad n = 0, 1, 2, \dots, \quad (5)$$

for which

$$\lim_{n \rightarrow \infty} \frac{n}{\lambda_n} > 1 - \sigma. \quad (4)$$

is complete in an arbitrary simply-connected region  $G \subset D$ ,  $0 \in G$ . Theorem 3. Suppose the function  $f(z)$  is regular in a neighborhood of zero and in some angle  $\sigma$  of opening  $2\pi\alpha$  with vertex at the origin ( $0 < \alpha < \pi$ ). It is known that  $f(z)$  is non-rational and

$$\max_{|z| \leq r, 0 \leq \theta < \pi\alpha} |f(re^{i\theta})| \leq Cr^N. \quad (5)$$

If  $\lim_{n \rightarrow \infty} \frac{n}{\lambda_n} = d$ ,  $d > 1 - \sigma$ , then the sequence

$$\{f_{\lambda_n}(z)\}, \quad n = 0, 1, 2, \dots, \quad (6)$$

is complete in any simply-connected region  $G \subset D$ . Theorem 4. Let  $F(z) = \sum_{k=0}^{\infty} \frac{c_k}{k!} z^k$

be an entire function of exponential type  $R$ ,  $0 < R < \infty$ , and let

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$\varphi(z) = \sum_{k=0}^{\infty} \frac{a_k}{z^{k+1}}$  be a function which is Borel-associated with  $F(z)$ . If the function

$\varphi\left(\frac{1}{z}\right)$  (regular for  $|z| < \frac{1}{R}$ ) is meromorphic in the disc  $|z| < r$ ,  $\frac{1}{R} \leq r < \infty$ , and:  
 1) on the circumference  $|z| = r$  has at least one singular point which is not a pole, and also 2) is holomorphic in some closed sector  $S$  of the circle  $|z| \leq r$  with central angle of opening  $2\pi\sigma$ ,  $0 < \sigma < 1$  (that is, if  $z = re^{i\theta} \in S$ , then  $\theta = \theta_0 + \rho e^{i\alpha}$ , and  $0 \leq \rho \leq r$ ), then the sequence of derivatives of  $F(z)$

$$\{F^{(\lambda_n)}(z)\}, \quad n = 0, 1, 2, \dots \quad (7)$$

where  $\lim_{n \rightarrow \infty} \frac{\lambda_n}{\lambda_{n-1}} > 1 - \sigma$ , is complete in an arbitrary  $A^-(G)$ . Theorem 5. Let

$f(z) \in A^-(G)$ ,  $0 \in G$ , and let  $\{a_n\}$  be a sequence of distinct points  $a_n \in G$  which has at least one limit point  $\alpha \in G$ . In order for the sequence of divided differences

$$\left\{ \frac{f(z) - f(a_n)}{z - a_n} \right\}, \quad n = 0, 1, 2, \dots \quad (8)$$

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to be complete in  $A^-(G)$ , it is necessary and sufficient that  $f(z)$  be non-rational. Theorem 6. Let  $f(z) \in A^-(G)$ ,  $0 \in G$ , and let the sequence of complex numbers  $\{a_n\}$  have one of the following properties:

1)  $\lim_{n \rightarrow \infty} n|a_n - a| \leq 0.7259r$ , where  $a \in G$ , and  $r, r > 0$ , be the radius of

convergence of the expansion  $f(z) = \sum_{k=0}^{\infty} c_k (z-a)^k$ ;

2)  $\lim_{n \rightarrow \infty} a_n = a \in G$  and  $\sum_{n=0}^{\infty} |a_n - a_{n+1}| < \infty$ ;

3)  $\lim_{n \rightarrow \infty} a_n = a \in G$  and  $\lim_{n \rightarrow \infty} n(a_n - a) = b \neq \infty$ .

Then the system of functions

$$\left\{ \frac{\partial^n}{\partial a^n} \left[ \frac{f(z) - f(a)}{z - a} \right]_{a=a_n} \right\}, \quad n = 0, 1, 2, \dots \quad (9)$$

is complete in  $A^-(G)$  if and only if  $f(z)$  is non-rational. Theorem 7. Let  $f(z) \in A^-(G)$ ,  $0 \in G$ , and let the sequence of complex numbers  $\{a_n\}$  be such that

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$\lim_{n \rightarrow \infty} |a_n| < 0.536R, R > 0$ , where  $R$  is the radius of convergence of the expansion

$f(z) = \sum_{k=0}^{\infty} a_k z^k$ . In order for the sequence of functions

$$\left\{ \frac{f_n(z) - f_n(a_n)}{z - a_n} \right\}, \quad n = 0, 1, 2, \dots \quad (10)$$

to be complete in  $A^-(G)$ , it is necessary and sufficient that  $f(z)$  be non-rational.

Theorem 8. If  $f(z) \in A^-(G)$ ,  $0 \in G$ , and  $R$  is the radius of convergence of the series  $f(z) = \sum_{k=0}^{\infty} a_k z^k$ , then from the condition

$$\sum_{n=1}^{\infty} c_n f_n(z) = 0 \quad \text{if} \quad \lim_{n \rightarrow \infty} \sqrt[n]{|c_n|} < R \quad (11)$$

it follows that  $c_n = 0$  if and only if  $f(z)$  is non-rational. Orig. art. has: 26 formulas.

ABSTRACT: Moskovskiy gosudarstvennyy universitet (Moscow State University); kafedra teorii funktsiy i funktsional'nogo analiza (Department of Function Theory and Functional Analysis)

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KAZ'MIN, Yu.A.

A criterion of completeness. Sib. mat. zhur. 5 no.3:549-556  
My-Je '64. (MIRA 17:6)

KAZ'MIN, Yu.A.

On a problem of Gel'fond-Ibragimov. Part 1. Vest. Mosk. un. Ser.1: Mat.,  
mekh. 20 no.3:28-36 My-Je '65. (MIRA 18:9)

1. Kafedra matematicheskogo analiza Moskovskogo gosudarstvennogo  
universiteta imeni M.V.Lomonosova.

KAZ'MIN, Yu.A.

A Gol'fond - Ibragimov problem. Part 2. Vest.Mosk.un.Ser.1:  
Mat., mekh. 20 no.6:37-44 N-D '65.

(MIRA 18:12)

1. Kafedra matematicheskogo analiza Moskovskogo universiteta.  
Submitted April 1, 1964.



KAZ 'MIN, Yu.A.

The problem of two points in the theory of analytic functions.  
Sib. mat. zhur. 6 no.4:938-943 J1-Ag '65. (MIRA 18:10)

I. 24761-66 EMT(d)/T IJP(c)

ACC NR: AP6015530

SOURCE CODE: UR/0199/65/006/004/0938/0943

AUTHOR: Kaz'min, Yu. A.

ORG: none

TITLE: Two-point problem in the theory of analytic functions

SOURCE: Sibirskiy matematicheskij zhurnal, v. 6, no. 4, 1965, 938-943

TOPIC TAGS: function, mathematics

ABSTRACT: The two-point problem stated in the title was formulated by A. O. GEL'FOND and I. I. IBRAGIMOV (Izv. Ak. nauk SSSR, seriya matem. Bulletin of the Academy of Sciences USSR, Mathematics Series, 11, 1947, 547-560. It reads: Let  $A(\{z\} < R)$  be a space of functions which are analytic in the  $|z| < R$  circle containing the point  $\alpha \neq 0$ ; one asks for the description of the class of uniqueness  $U$ , determined by the conditions that  $F(z) \in U \subset A(\{z\} < R)$  if satisfying the conditions

$$F^{(\lambda_n)}(\alpha) = 0,$$

$$F^{(\mu_n)}(0) = 0,$$

leads to  $F(z) \equiv 0$ . (Here  $\{\lambda_n\}$  and  $\{\mu_n\}$  are given sequences of natural series of numbers, with  $\{\lambda_n\} \cup \{\mu_n\} = \{n\}$ , and  $\{\lambda_n\} \cap \{\mu_n\} = \emptyset$ .)

The paper studies the following problems: 1) What class of uniqueness  $U \subset A(\{z\} < R)$

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$\langle R \rangle$  determined by the condition that  $F(z) \in U$  if  $D^s[F; f]|_{z=0} = 0, s = 0, 1, \dots; p > 1$

$0 < |a| < R;$

$D^m[F; f]|_{z=0} = 0, m \neq ps,$

has as a consequence  $F(z) \equiv 0$ ?  $D^n[F; f]$  denotes the generalized (in the sense of GEL'FOND-LEONT'YEV)  $n$ -th order derivative of the function  $F(z)$  generated by the fixed function  $f(z)$  (see Matem. sb. Mathematical Symposium, 29, No 3, 1951, 477-500). 2) Which class of functions  $M \subset A(|z| < R)$  satisfies conditions (1)? 3) How to re-establish  $F(z)$ , knowing the values of the generalized derivatives (1) of the function  $F(z) \in U$  at the point  $a \neq 0$  and at the coordinate origin. Orig. art. has: 10 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 20May64 / ORIG REF: 003

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ACC NR: AF0025492

SOURCE CODE: UR/0038/66/030/002/0307/0324

AUTHOR: Kaz'min, Yu. A.

ORG: none

TITLE: Problem of reconstructing an analytic function from its elements

SOURCE: AN SSSR. Izvestiya. Seriya matematicheskaya, v. 30, no. 2, 1966, 307-324

TOPIC TAGS: analytic function, differential calculus

ABSTRACT: The article gives a complete solution of the problem of reconstructing analytic function  $F(z)$  from the given values of its derivatives (classical or generalized in one sense or another)

$$F^{(s)}(a_n) = A_{s,n}, \quad s = 0, 1, 2, \dots; \quad a \neq 0, \quad n \neq 0;$$

$$F^{(s)}(0) = A_{s,n}, \quad n \neq p_s.$$

Orig. art. has: 36 formulas. [JPRS: 36,775]

SUB CODE: 12 / SUBM DATE: 13Apr65 / ORIG REF: 010 / OTH REF: 003

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UDC: 517.5

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SOV/ 20-120-1-45/63

AUTHORS: Kazmin, Yu.B., Kozlov, V.V., Solov'yeva, M. N.

TITLE: On the Middle Carboniferous Deposits of the Zaslayskiy Khrebet (Range)  
(O srednekamennougol'nykh otlozheniyakh v Zaslayskom khrebe)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 1,  
pp. 166 - 167 (USSR)

ABSTRACT: Until the latest time here the geological structure, especially the stratigraphy of the upper Paleozoic sediments, was only weakly investigated. They are far spread at the south slope and in the axis part of the chain. A historical survey of the investigation of this region (References 1,2) is given. Here until now no reliable data on faunally proved Middle Carboniferous sediments existed. During the compilation of the geological map of the mentioned chain (1955 - 1957) many new data were obtained, which make possible the exact definition of the stratigraphy of the deposits which are discussed. Here especially marine, faunally characterized Middle Carboniferous sediments were discovered. They were found in the catchment area of the Korzhenevskiy-glacier at the basis of the right boundary of the

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valley. They pass over to the left boundary only in the top-  
most parts of the glacier. In the west their exposures are  
covered by uninterrupted corn snow fields of the massif of the  
Lenin Peak. In the East they are cut off by a steep overfault  
which brings the Lower Permian and the Paleogene sediments into  
contact with each other. At the basis of the exposed part of  
the Middle Carboniferous cross section lies a pack of black  
massive limestones. A list of the numerous foraminifers which  
were found beneath lily crinoid members, brachiopode fragments,  
and bryozoans, is given. Because of this fauna these sediments  
certainly can be ascribed to the Kashirskiy horizon of the  
Moskovskiy stage (Middle Coal Age). The visible size of the pack  
is 50-60m. Higher up a pack of mutually dark platy shale limes  
and loamycarbonate shales follows with rare and little thick  
(5-7m) interstrata of andesite-porphyrity. Its thickness is 100m.  
The finding of Choristes priscus speaks for a Middle Carboni-  
ferous age (after V.S. Gubareva). Upon the mentioned Middle Car-  
boniferous sediments lies, without visible discordance, a mass  
of marly shales, conglomerates, limes, and effusives of an

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average composition. According to the fauna this mass corresponds to the lower part of the Schwagerina- horizon. From the character of the cross section of the Middle Carboniferous in the Zaalyayskiy chain and from the number of species of the foraminifers the supposition on a uniform sedimentation of the region of the Alayskiy and Zaalyayskiy chain and apparently of the Darvaz can be made. There are 1 figure and 4 references, 4 of which are Soviet.

ASSOCIATION: Vsesoyuznyy aerogeologicheskii trest (All-Union Aerogeological Trust)

PRESENTED: January, 25, 1958 by N. S. Shatskiy, Member, Academy of Sciences, USSR

SUBMITTED: January 23, 1958

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KAZMIN, Yu.B.; FILIPPOVICH, I.Z.; GIMMEL'FARB, G.B.

New data on the Archean stratigraphy of the southeastern part of  
the Aldan Shield. Trudy VAGT no.8:85-90 '62. (MIRA 15:11)  
(Aldan Plateau--Geology, Stratigraphic)



KAZMIN, Yu.B.

Stanovoy deep fault, its development and effect on magmatic activity  
and metallogeny. Trudy VAGT no.8:98-102 '62. (MIRA 15:11)  
(Siberia, Eastern--Faults (Geology))

SOLOV'YEVA, M.N.; KAZMIN, Yu.B.; KOZLOV, V.V.

Structure and stratigraphy of Paleozoic sediments in the  
trans-Alay Range and the northern Timan Ridge. Izv.AN SSSR.  
Ser.geol.27 no.2:64-72 F '62. (MIRA 15:1)

1. Geologicheskii institut AN SSSR i Vsesoyuznyy aerogeo-  
logicheskii trest, Moskva.

(Alay Range--Geology)

(Timan Range--Geology)

KOPAYEVICH, L.P.; KAZMIN, Yu.B.

Tectonics of the Stanovoy Range. Geol.i geofiz. no.1:37-46 '63.  
(MIRA 16:4)

1. Vsesoyuznyy aerogeologicheskiy trest, Moskva.  
(Stanovoy Range—Geology, Structural)

KAZ'MIN-BALASHOV, A.I.; POTEKHIN, K.A.

Thirty-fifth anniversary of the State Institute for the Planning  
of Special Industrial Structures. Vod. 1 san. tekhn. no. 3:39-40  
Mr '58.

(MIRA 11:3)

(Civil engineering)

*Kaz'min-Balashov, A.I.*  
REPIN, Nikolay Nikolayevich, kand.tekhn.nauk; SVESHNIKOV, I.P., kand.tekhn.  
nauk, retsenzent; BELOUSOV, V.V., kand.tekhn.nauk, retsenzent;  
KAZ'MIN-BALASHOV, A.I., inzh. nauchnyy red.; SMIRHOVA, A.P., red.  
izd-va; TOKER, A.M., tekhn.red.

[Plumbing] Sanitarno-tekhnicheskie ustroistva zdaniy. Izd. 2-oe,  
perer. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekt., 1957. 358 p.  
(Plumbing) (MIRA 11:2)

ANATOL'YEVSKIY, Pavel Aramovich; MALOYAN, Arminak Vladimirovich;  
SHMEYEROV, Osher Mendeleyevich; VOLOD'KO, I.F., kand.  
tekhn. nauk, nauchn. red.; DAVLETSIN, Z.V., inzh.;nauchn.red.;  
KAZ'MIN-BALASHOV, A.I., inzh., nauchn. red.; KAYESHKOVA, S.M.,  
ved. red.

[Operation and repair of water wells] Eksploatatsia i re-  
mont vodiarykh skvazhin. Moskva, Izd-vo "Nedra," 1964. 211 p.  
(MIRA 17:5)

KOZHINOV, Valerian Fedorovich, prof., doktor tekhn. nauk;  
KAZ'MIN-BALASHOV, A.I., inzh., nauchn. red.

[Drinking water and feedwater purification; examples and  
calculations] Ochistka pit'evoi i tekhnicheskoi vody; pri-  
mery i raschety. 2. izd. Moskva, Stroiizdat, 1964. 271 p.  
(MIRA 17:11)

ARONOV, Sergey Nikolayevich, kand. tekhn. nauk; KAZ'MIN-BALASHOV,  
A.I., red.

[Transportation and storage of water] Transportirovanie  
i khranenie vody. Moskva, Izd-vo lit-ry po stroit.,  
1964. 199 p. (MIRA 17:12)



KAZ'MIN-BALASHOV, A.I., inzh.; RUBINSHTEYN, S.L.

Standard designing of structures for purifying petroleum refinery  
waste waters. Vod. i san. tekhn.no.5:13-19 '64. (MIRA 17:9)

ANATOL'YEVSKIY, Pavel Aramovich; GAL'PERIN, Leonid Vladimirovich;  
KAZ'EMIN-BALASHOV, A.I., inzh., nauchn. red.

[Intakes for underground water; practices abroad in designing, constructing, and maintaining radial intakes] Vodozabor podzemnykh vod; zarubezhnyi opyt proektirovaniia, stroitel'stva i ekspluatatsii luchevykh vodozaborov. Moskva, Stroiizdat, 1965. 117 p. (MIRA 18:10)

SABUROVA, V.A., assistant; TSVETKOVA, S.P., student; ERLYAND, I.A., student (Kazan'); YAKOVLEVA, K.I. (Kazan'); MAHISH, M.G., kand.med.nauk (Kazan'); NIKOLAYEV, G.M., kand.med.nauk (Kazan'); KAZ'MINA, G.K., studentka (Kazan'); TODORTSEVA, M.S. (Saratov)

Short reports. Kaz. med. zhur. no.2:75-78 Mr-Apr '62.

(MIRA 15:6)

(MEDICINE--ABSTRACTS)

KAZ'MINA, L.; BEDERDINOV, Sh.

Mechanism for piling clean plates. Obshchestv.pit. no.11:57-59  
N '62. (MIRA 16:1)  
(Dishwashing machines) (Automatic control)

*KAZ'MINA, L.P.*

|              |   |   |
|--------------|---|---|
| Country      | : USSR  | M |
| Category     | : CULTIVATED PLANTS.MEDICINAL. Essential Oils. Toxins.  |   |
| Abstr. Jour. | : REF ZHUR-BIOL.,21,1958,NO-96186   |   |
| Author       | : Kaz'mina L.P.   |   |
| Institut.    | : Moscow Pharmaceutical Institute   |   |
| Title        | : Pharmacognostic Study of Bur Beggarticks ( <i>Bidens tripartitus</i> L.). Report I.   |   |
| Orig. Pub.   | : Sb. nauchn. rabot. Mosk. farmatsevt. in-t, 1957, 1, 209-214   |   |
| Abstract     | : Study was made of the dynamics of the total tanning their polyphenol fraction and carotene during vari-developmental stages in <i>B. tripartitus</i> . Simultaneously, the vitamin C and essential oil content in the raw material was determined. It was shown that the overall amount of tannins in the beggarticks' tops and throughout the entire above-ground parts of the plant reached its peak during flowering (6.46%) and dropped sharply at the end of the vegetation period. The amount of polyphenols in |   |
| Card:        | : 1/3   |   |

KAZ'MINA, L.P.

Chemical examination of *Bidens tripartita*. Apt. delo 10 no.4:22-28  
Jl-Ag '61. (MIRA 14:12)

1. Farmatsevticheskiy fakul'tet I Moskovskogo ordena Lenina meditsin-  
skogo instituta.

(BIDENS)

KAZ'MINA, L.P.

Provision of raw Bidens. Apt. delo 10 no.5:24-26 S-0 '61.

(MIRA 14:12)

1. Farmatsevticheskiy fakul'tet I Moskovskogo ordena Lenina meditsin-  
skogo instituta imeni I.M.Sechenova.

(BOTANY, MEDICAL)

(BIDENS)

GRINER, B.M.; GRINKEVICH, N.I.; IGNAT'YEVA, N.S.; KAZ'MINA, L.P.

Color of leaves as an index of the content of tanning  
substances in plants. Biul. Glav. bot. sada no.53:72-75  
'64. (MIRA 17:6)

1. Botanicheskiy sad Pervogo moskovskogo meditsinskogo  
instituta imeni Sechenova.



KAZMINA N. A. and TONGUR V. S.

5067. KAZMINA N. A. and TONGUR V. S. Effects of pressure on proteins. Renaturation of coagulated albumins under pressure Biochem., Mosk. 1950, 15/3 (212-215) Graphs 3  
Tables 2

Egg and serum albumins denatured by heat (5-15 min. at 70°C.) can be renatured by high pressure (2000-3000 atm. for 20 hr.). The procedure can be repeated several times. The renatured proteins show practically no difference from native proteins in physical constants and some other properties.  
Procházka - Prague

SO: Excerpta Medica, Section II, Vol. 4, No. 10

*INST. NUTRITION, Acad. Medical Sci USSR*

1. KAZ'MINA, N. A., STREKOVA, V. YU.
2. USSR (600)
4. Tree Planting
7. Experiment in using mineral fertilizers in growing tree seedlings.  
Biol. Glav. bot. sada No. 13, 1952
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

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bot.sada no.21:7-15 '55. (MLRA 8:12)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.  
(Moscow--Arboretums)

KAZ'MINA, N.B.; KIL'DISHEVA, O.V.; KNUNYANTS, I.L.

Cancerolytic peptides of specific action. Report No.5: Some amino acids and peptides containing a N-di-( $\beta$ -chloroethyl)aminophosphoryl group. Izv.AN SSSR. Ser.khim. no.1:117-131 Ja '64. (MIRA 17:4)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

KAZ'MINA, N. B.; KIL'DISHEVA, O. V.; KNUNYANTS, I. L.

Acylation of serine, cystine, and cystamine with p-d i  
(2-chloroethyl) aminophenylalkanic acid chlorides. Izv AN  
SSSR Ser Khim no. 4:755-756 Ap '64. (MIRA 17:5)

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LUKOMSKIY, P.Ye., prof.; LAKIN, K.M.; KAZIMINA, P.V.

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Kardiologiya 5 no.1:24-29 Ja-F '65. (MIRA 18:9)

1. Kafedra gosital'noy terapii (zav.- deystvitel'nyy chlen AMN  
SSSR prof. P.Ye. Lukomskiy) i kafedra farmakologii (zav.- prof.  
V.V. Vasil'yeva) II Moskovskogo meditsinskogo instituta imeni N.I.  
Pirogova.

RAYEVSKAYA, G.A., prof.; KAZ'MINA, P.V.

Allergic polyserositis in myocardial infarction. Sov.med. no.3:  
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1. Iz gosital'noy terapevticheskoy kliniki (dir. - prof.  
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N.I. Pirogova.

(HEART--INFARCTION) (ALLERGY)  
(SEROUS MEMBRANES--INFLAMMATION)

LUNOVSKIY, P. Ye.; KAZ'NINA, P.V.

Treatment of patients with myocardial infarct in a state of shock. Sov. med. 27 no.11:5-12 N 1963 (AMA 18:1)

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2. Chlen-korrespondent AMN SSSR (for Lukomskiy).



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(MIRA 17:12)

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KAPLAN, A.I.; TITCHENKO, M.P., redaktor; KAZ'MINA, R.A., redaktor; KHELEMSKAYA,  
L.M., tekhnicheskiiy redaktor

[Balance sheet of a business enterprise and its analysis] Balans pred-  
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(Financial statements)

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Grigor'yevich; TATUR, S.K., prof., doktor ekon. nauk, otv.red.;  
KAZ'MINA, R.A., red.; MARKOCH, K.G., tekhn.red.

[Accounting and analysis of the balance sheet in the communi-  
cations system] Bukhgalterskii uchet i analiz balansa v  
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[Selection method and its use in communication enterprises] Vybo-  
rochnyi metod i ego primeneniye v predpriyatiyakh svyazi. Moskva,  
Gos.izd-vo lit-ry po voprosam svyazi i radio, 1961. 49 p.  
(MIRA 14:12)

(Telecommunication--Accounting)

TOCHIL'NIKOV, Girsh Moiseyevich; GOLOMB, Gerson Emmanuilovich;  
BIRMAN, A.M., doktor ekon. nauk, prof., red.; KAZ'MINA, R.A.,  
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[Finance of the communication industry] Finansy khoziaistva  
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[Production costs in the telecommunication industry] Sebe-  
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POBGORODETSKIY, Ivan Aleksandrovich; RAZGOVOROV, Aleksandr Vasil'yevich;  
GORELIK, S.A., otv. red.; KAZ'MINA, R.A., red.; SLUTSKIN, A.A.,  
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SOLOVEYCHIK, Lev Moiseyevich; GENIN, Lazar' Savel'yevich; POPOV,  
B.A., otv. red.; KAZ'MINA, R.A., red.; TRISHINA, L.A.,  
tekhn. red.

[Fixed assets of long-distance telephone and telegraph com-  
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GIL', Gennadkiy Kivovich; MATSNEV, Vladimir Nikolayevich; NIKIFOROV,  
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[Main postal line of the U.S.S.R.] Magistral'naia pochtovaya  
sviaz' SSSR. Moskva, Sviaz'izdat, 1963. 95 p. (MIRA 16:7)  
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VEBER, V.V., doktor nauk; DVALI, M.F., doktor nauk; DOBRYANSKIY,  
A.V., doktor nauk; MAYMIN, Z.L., doktor nauk; MIRCHINK, M.V.,  
redaktor; ANDREYEV, P.F., kandidat nauk; AYZENSHTADT, G.Ye.,  
kandidat nauk; BOGOMOLOVA, A.I., kandidat nauk; GORSKAYA, A.I.,  
kandidat nauk; ZHABREV, D.V., kandidat nauk, redaktor; KAZMINA,  
T.A., kandidat nauk; MESSINEVA, M.A., kandidat nauk, PETROVA,  
Yu.N., kandidat nauk; RADCHENKO, O.A., kandidat nauk; TATARSKIY,  
V.T., kandidat nauk; TIKHIY, V.N., kandidat nauk; USPENSKIY, V.A.  
kandidat nauk, DYAKOV, B.F., redaktor; SAVINA, Z.A., redaktor;  
TROFIMOV, A.V., tekhnicheskij redaktor.

[Origin of oil] Proiskhozhdenie nefi. Pod red. M.F.Mirchinka i  
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(Petroleum geology)



BULATOVA, Z.I.; VOYTSEL', Z.A.; GORBOVETS, A.N.; IVANOVA, Ye.A.; KAZ'MINA, T.A.; KISEL'MAN, E.N.; KLIMKO, S.A.; KLIMOVA, I.G.; KOZYREVA, V.P.; KORNEVA, F.R.; KOSTITSINA, R.P.; KRUGLOVA, Z.M.; STRIZHOVA, A.I.; MARKOVA, L.G.; TARASOVA, A.S.; USHAKOVA, M.V.; FILIPPOVA, Ye.A., ved.red.; TROFIMOV, A.V., tekhn.red.

[Mesozoic and Cenozoic stratigraphy of the West Siberian Lowland]  
Stratigrafiia mezozoiia i kainozoiia Zapadno-Sibirskoi nizmennosti.  
Moskva, Gos.nauchno-tekhn.izd-vo nef. i gorno-toplivnoi lit-ry,  
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(Siberia, Western--Geology, Stratigraphic)

LIUBIMOVA, P.S., starshiy nauchnyy sotrudnik; KAZ'MINA, T.A., paleontolog,  
RESHETNIKOVA, M.A., mladshiy nauchnyy sotrudnik

[Ostracoda of Mesozoic and Cenozoic sediments in the West Siberian Plain] Ostrakody mezozoiskikh i kainozoiskikh otlozhenii Zapadno-Sibirskoi nizmennosti. Leningrad, Gos. nauchno-tekhn. izd-vo نفت. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1960. 426 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.160) (MIRA 14:7)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut (for Lyubimova). 2. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya (for Reshetnikova).

(West Siberian Plain--Ostracoda, Fossil)

Kazmina, T. I. "A Geochemical Survey of the Maikop and Khalum Layers of the Khadyzhinsk and Neftiano-Shirvansk Deposit." In the book: Issledovanie Maikopskoi Solty na Severnom Kavkaze, Trudy Neftianogo Geologo-Razved. Instituta, Moscow-Leningrad, Seriya A, No. 104, 1938, pp. 115-127.

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KAZMINA, T. I.

Kazmina, T.I. (All-Union Scientific Research Institute in Geological Prospecting  
for Oil.)

The boron-chlorine ratio in water from petroleum fields,

Doklady Akademii Nauk, Vol.77, No.2, 1951, 301-3

Guide to Russian Scientific Periodical Literature, Aug. 1951

KAZMINA, T. I.

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[illegible]

702

KAZMINA, T. I.

"Geochemical Conditions for the Formation of Devonian and Older Deposits in the Volga-Ural Area," page 68 of the book "Formation of Petroleum in the Volga-Ural Area," a compilation of works by the All-Union Sci.Res.Geological Prospecting Inst.(VNIGRI), Issue 82, published by Gostoptekhnizdat, 1955

TABCON and summary D-332548, 20 Oct 55

Card 1/1

KAZMINA, T.I.; ROGACHEVSKAYA, TS.A.; PETRIKEVICH, L.A.

Geochemical study of Carboniferous rocks in the Tatar A.S.S.R.  
Avtoref. nauch. trud. VNIIGRI no.17:42-43 '56. (MIRA 11:6)  
(Tatar A.S.S.R.--Mineralogical chemistry)



Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,  
p 74 (USSR) 15-57-4-4519

AUTHORS: Kazmina, T. I., Maymin, Z. L., Petrova, Yu. N.

TITLE: The Environment of Sedimentation in the Devonian Basin  
on the Northwestern Part of the Russian Platform, as  
Shown by Geochemical Indicators (K voprosu ob usloviyakh  
obrazovaniya osadkov Devonskogo basseyne severo-zapadnoy  
chasti Russkoy platformy po nekotorym geokhimicheskim  
pokazatelyam)

PERIODICAL: Tr. Vses neft. n.-i. geologorazved. in-ta, 1956, Nr 95,  
pp 497-510.

ABSTRACT: The authors have studied the section of Devonian rocks  
uncovered by the Pestovo exploratory drill hole. The  
Narva formation consists of dolomites with layers of  
sandstones and less abundant siltstones and calcareous  
clays. The Tartu formation contains interbedded  
siltstones, sandstones, and marls. The lower Frasnian  
subseries is characterized in the lower part by inter-

Card 1/2

The Environment of Sedimentation (Cont.)

15-57-4-4519

bedded sands, sandstones, and siltstones; in the upper part, by  
carbonates (dolomite, marl, and limestone). In the middle Frasnian  
deposits, calcareous clays predominate, and layers of marl and  
limestone are subordinate. The fact has been established that the  
Givetian basin was characterized by high salinity, but that the  
salinity gradually decreased in subsequent epochs. Parallel with  
the decrease of chlorine, the section is marked by a decrease, from  
the base upward, in the content of dolomite in the carbonate part  
of the rock. The relationship between the total ferrous iron and  
ferric iron bears witness to the oxidizing conditions during the  
sediment accumulation. The author notes that the content of organic  
carbon and bitumen in the rocks is extremely low.

Card 2/2

V. G. R.

KAZMINA, T.I.; BEL'KOV, G.I.; MAKAROVA, T.P.; ROGACHEVSKAYA, TS.A.

Determination of small concentrations of elements in oil field  
waters. VNIGRI no.105:140-173 '57. (MIRA 11:9)  
(Water--Analysis)

3(5)

PHASE I BOOK EXPLOITATION

SOV/1897

Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut.

O proiskhozhdeniy nefti v kamennougol'nykh i permskikh otlozheniyakh Volgo-Ural'skoy oblasti; sbornik statey (Origin of Petroleum in the Carboniferous and Permian Sediments of the Volga-Ural District; Collection of Articles) Leningrad, Gostoptekhizdat, 1958. 283 p. (Series: Its: Trudy, vyp. 117) Errata slip inserted. 1,500 copies printed.

Ed.: Zinaidy L'vovny Maymin; Exec. Ed.: G.A. Dayev; Tech. Ed.: I.M. Gennad'yeva,

PURPOSE: This book is intended for geologists and geochemists, particularly those interested in questions dealing with the origin, development, and structure of oil deposits.

COVERAGE: This collection of articles deal with the Carboniferous and Permian sediments of the Volga-Ural district and methods of determining possible petroleum source-beds. The lithologic and

Card 1/4

Origin of Petroleum (Cont.)

SOV/1897

geochemical characteristics of the sediments are discussed as are the conditions of oil deposition. The author thanks the following geologists working in the Second Baku area: A.Z. Dubinin, L.P. Zadov, K.B. Ashirov, I.L. Khanin, A.M. Mel'nikov, S.P. Yegorov, and I.A. Shpil'man. Further thanks are extended to Professor M.F. Dvali for his advice and encouragement. References accompany each article.

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| Origin of Petroleum (Cont.)  | SOV/1897                        |
| APPROVED FOR RELEASE: 06/13/2000   | CIA-RDP86-00513R000721410012-3" |
| Maymin, Z.L. The possibility of outlining the oil-bearing units in a Cross-section of the Carboniferous and Permian of the Volga-Ural Region | 252                             |

AVAILABLE: Library of Congress

MM/lrb  
6-22-59

KAZMINA, T.I.

Classifying halogenic terrigenous deposits by their water-soluble salt  
content. Trudy VNIGRI no.123:112-115 '58. (MIRA 11:12)  
(Emba Valley--Rocks--Analysis) (Chlorine compounds)  
(Boron compounds)

KAZMINA, T.I.; MAKAROVA, T.P.

Effect of the composition of natural waters on the solubility of  
naphthenic acids. Trudy VNIGRI no.131:389-392 '59.

(MIRA 12:9)

(Naphthenic acids) (Water, Underground)

KAZMINA, T.I.; GERASYUTO, Z.S.; PETROVA, L.P.

Connate waters in sedimentary rocks. Trudy VNIGRI no.131:393-398  
Trudy VNIGRI no.131:393-398 '59. (MIRA 12:9)  
(Water, Underground)

KAZMINA, T.I.; PETROVA, L.P.

Material composition of carbonate rocks of southeastern Fergana.  
Trudy VNIGRI no.155:234-248 '60. (MIRA 14:1)  
(Fergana--Rocks, Carbonate--Analysis)



KAZMINA, T.I.; ZIBREVA, T.P.

Silt waters of some recent sediments. Trudy VNIGRI no.174:155-  
165 '61. (MIRA 14:12)

(Indian Ocean—Sediments (Geology)  
(Karelian Isthmus—Sediments (Geology)  
(Water, Underground—Analysis)

MAYSURIAN, N.A., akademik; EDEL'SHTEYN, M.M., kand.sel'skokhozyaystvennykh nauk; KAZ'MINA, V.K.

Effect of sowing dates on the content and composition of alkaloids in blue lupine. Zemledelie 25 no.1:36-44 Ja '63.  
(MIRA 16:4)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni  
Lenina (for Maysuryan).  
(Lupine) (Alkaloids)

1. KAZHINA V.N., BUAMAN L.K., PROKHOROVA YE. S.
2. USSR (600)
4. Sleep
7. Change in thiamine (vitamin B) requirements in long sleep therapy. Zhur. nerv. i uslovi 53 no.1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, unclass.

VOLOSHIN, A.I.; VIROZUB, I.V.; KAZMINA, V.V.

Heat consumption in coking and ways for its reduction. Koks i khim.  
no.10:20-24 '62. (MIRA 16:9)

1. Ukrainskiy uglekhimicheskiy institut.  
(Coke ovens)

KAZMINA, V.V.

68-1-5/22

AUTHORS: Virozub, I.V., Voloshin, A.I., Kazmina, V.V., and Sherman, M.Ya.

TITLE: The Control of Thermal Conditions of Coke Ovens (Regulirovaniye teplovogo rezhima koksovykh pechey)

PERIODICAL: Koks i Khimiya, 1958, No.1, pp. 17 - 24 (USSR)

ABSTRACT: Some relationships between various parameters affecting thermal conditions of coke ovens are discussed in order to indicate the basis for choosing some parameters as sources of impulses for the automatic control of the coke oven heating system. UKhIN and TsLA (Central Laboratory of Automation) proposed a system of automatic control of thermal conditions of coke ovens which secures a constant supply of heat and a constant excess of air coinciding at a constant temperature of air in the tunnel, with a constant suction at the top of the regenerators in the ascending stream. The proposed system is described in some detail (Figs. 1 and 2). It was installed on the No. 1 battery of the Zaporozhsk Coke Oven Works (Zaporozh'ye koksokhimicheskii zavod) and operated for about two years with satisfactory results. In addition to the described method of direct control of the supply of heat, three other indirect methods were installed and operated in the Soviet Union: 1) a scheme proposed by V.G. Mosyakov. The

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The Control of Thermal Conditions of Coke Ovens.

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control of gas supply is based on the stability of suction at the top of the gas regenerators on the ascending stream and that of the draught on the descending stream. The scheme was installed on the Zaporozhsk Coke Oven Works; its operation is described in Koks i Khimiya, 1958, No.1, pp. 25-29. 2) On the Magnitogorsk Metallurgical Combine (Magnitogorskiy Metallurgicheskii Kombinat) an automatic control of heating coke ovens is in operation. This is based on the maintenance of a constant suction in the waste flues mains on both sides of the battery and a constant content of oxygen in the combustion products by varying the addition of coke oven gas (ovens are heated with a mixture of coke oven and blast furnace gas). The method is described in this issue, pp. 30-35. 3) On the Zhdanovsk Coke Oven Works (Zhdanov koksokhimicheskii zavod, the method of controlling the supply of air for combustion proposed by D.A. Amstislavskiy was based on the maintenance of constant suction at the top of the regenerators on the ascending stream. With this method, variations of the coefficient of excess air during the period between reverses are removed. The deficiency of the method is that air supply changes with changes in air temperature and a low accuracy of the control due to low suction

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KAZMINA, V.V.

Effect of the heat of combustion and of the moisture of blast-furnace gas and air on the hydraulic regime of coke ovens. Koks i no.3:18-22 '60. (MIRA 13:6)

1. Ukrainskiy uglekhisicheskii institut.  
(Coke ovens)

VOLOSHIN, A.I.; VIROZUB, I.V.; KAZMINA, V.V.; KURBATOVA, M.Yu.

Determination of the heat of carbonization under laboratory  
conditions. Koks i khim. no.3:19-23 '62. (MIRA 15:3)

1. Ukrainskiy uglekhimicheskiy institut.  
(Coal—Carbonization)

BLANKOV, B.I.; MITEREVA, V.G.; KAZ'MINA, Yu.G.

Antagonistic properties of *Escherichia coli* and dried *coli* bacterin.  
Zhur. mikrobiol., epid. i immun. 41 no.3:85-89 Mr '64. (MIRA 17:11)

1. Moskovskiy institut epidemiologii i mikrobiologii.



BLANKOV, B.I.; LITVAK, R.V.; KAZ'MINA, Yu.G.

Effect of freezing on microbes of the typho-paratyphoid and  
dysentery groups. Trudy ~~IKM~~ no.7:96-109'60. (MIRA 16:8)  
(LYOPHILIZATION) (SALMONELLA) (SHIGELLA)

VULIKH, A.I. (Novosibirsk); KAZ'MINSKAYA, V.A. (Novosibirsk); ZHERDIYENKO, L.P.  
(Novosibirsk)

Chemical experiments with the use of ion exchangers. Khim. v shkole  
18 no.5:57-65 S-O '63. (MIRA 17:1)

VULIKH, A.I.; KAZ'MINSKAYA, V.A.; ZHERDIYENKO, L.P.

Ion exchange method for obtaining acids from poorly soluble salts.  
Prom.khim.reak. i osobo chist.veshch. no.2:7-13 '63. (MIRA 17:2)

8(3)

SOV/112-59-4-6942

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 74 (USSR)

AUTHOR: Kazmirenko, F. L.

TITLE: Experience With Using Static Capacitors Connected in Series With the Line for Voltage Regulation in Rural Transmission Lines

PERIODICAL: Sb. tekhn. inform. po sel'sk. elektrifik., 1958, Nr 8-9, pp 88-91

ABSTRACT: The voltage drop in rural lines can be lessened by series-connected static capacitors. Essentials of the capacitor operation and peculiarities of their connection and their protection are briefly described. The principal conditions for an efficient use of series capacitors include a low power factor and a considerable inductance of the transmission line. The series capacitors should be primarily used in the existing networks with predominating and rapidly growing power load. Results of a practical application of series capacitors in the Lenin rayon, Moscow oblast, show that expenses involved in the series-capacitor installation are 14 times lower than those which would be

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SOV/112-59-4-6942

Experience With Using Static Capacitors Connected in Series With the Line for . . . .

involved in heavier wires needed for cutting down the voltage drop. Principal advantages and disadvantages of series capacitors as compared to other methods of voltage regulation in distributing networks are listed.

S.S.L.

Card 2/2

KAZMIRENKO, P.I., inzh.; SHESTOPALOV, V.I., inzh.

Simplified 110 kv step-down transformer substation. Mekh. i  
elek.sots.sel'khoz. 17 no.3:42-44 '59. (MIRA 12:8)

1. Vsesoyuznyy gosudarstvennyy institut po proyektirovaniy  
elektrifikatsii sel'skogo khozyaystva.  
(Electric transformers)

KAZMIRENKO, F.L., inzh., Primal uchastiye SHESTOPALOV, V.I.

How to reduce construction costs of rural low-voltage lines.  
Mekh.i elek.sots.sel'khoz. 19 no.5:50-51 '61. (MIRA 14:10)

1. Vsesoyuznyy gosudarstvennyy institut po proyektirovaniyu  
elektrifikatsii sel'skogo khozyaystva.  
(Electricity in agriculture—Costs)

KAZMIREWICZ, Bronislaw (Bytom, ul. Hanki Sawickiej 16)

Problem of spinal fractures without paralysis in miners. Chir. narz.  
ruchu 24 no.2:103-111 1959.

1. Z Kliniki Ortopedycznej Sl. A.M. w Bytomiu Kierownik: prof. dr.  
G. Wejsflog.

(ACCIDENTS, INDUSTRIAL,

mining accid. causing spinal fract. without paralysis (Pol))

(SPINE, fract.

in miners, without paralysis (Pol))



KAMINSKI, Edward; KAZMIERKIEWICZ, Jerzy

Permanent exhibition from the domain of forest and wood economy at  
the Museum of Technology. Przem drzew 12 no.10:29-30 '61.

(Warsaw--Exhibitions)

KAZMIROWICZ, Bronisław

A case of traumatic dislocation of the peroneal tendons. Chir. narz.  
ruchu ortop. polska 26 no.3:311-313 '61.

1. Z Kliniki Chirurgii Ortopedycznej Sl. AM w Bytomiu Kierownik:  
prof. dr G. Wejsflog.  
(LEG wds & inj)

WILKOSZEWSKI, Edward; BALUKIEWICZ, Irena; MIKIEWICZ, Barbara;  
ROMICKA, Anna; KAZMIROWSKA, Zdzisława

Effect of rheumatic fever and glycocorticoid therapy on the  
titer of diphtherial antitoxins and typhoid agglutinins in  
the blood serum. Reumatologia (Warsz.) 3 no.3:221-224 '65.

1. Z I Kliniki Pediatricznej AM w Warszawie (Kierownik: prof.  
dr. med. R. Baranski), z Kliniki Pediatricznej Studium Dosko-  
nalenia Lekarzy AM i Instytutu Reumatologicznego w Warszawie  
(Kierownik: prof. dr. med. E. Wilkoszewski; Dyrektor Instytutu  
Reumatologicznego: dr. med. W. Brühl).

KAZMIROWSKI, Antoni; MILOSZ, Jacek

Resistance welding of rhenium plated molybdenum wires.  
Przegl elektroniki 4 no. 5/6: 297-298 My-Je '63.

1. Zaklad Fizyki Technicznej, Instytut Mechaniki Precyzyjnej, Warszawa (for Kazmirowski).
2. Zaklady Lamp Nadawczych L-14, Warszawa (for Milosz).